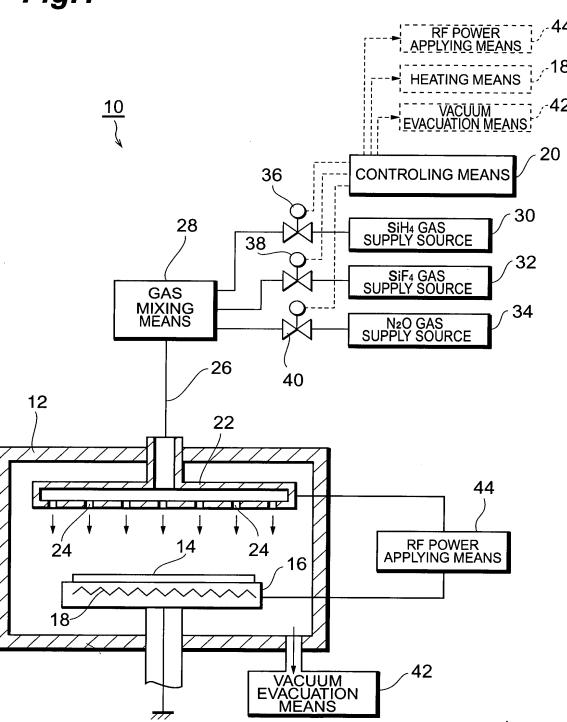
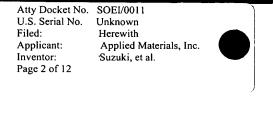
Inventor:

Page 1 of 12

Unknown Herewith Applied Materials, Inc. Suzuki, et al.

Fig.1





3 Fig.2A - 16 Fig.2B 3 4 - 16 Fig.2C 8 6 5 3 16 Fig.2D 9a _{9b} 9a 9a 9a 9a 5

16

3-4-

H. Madel Theory Master Week' HT.

Atty Docket No. U.S. Serial No. Filed: Applicant: Inventor: Page 3 of 12

Unknown Herewith Applied Materials, Inc. Suzuki, et al.

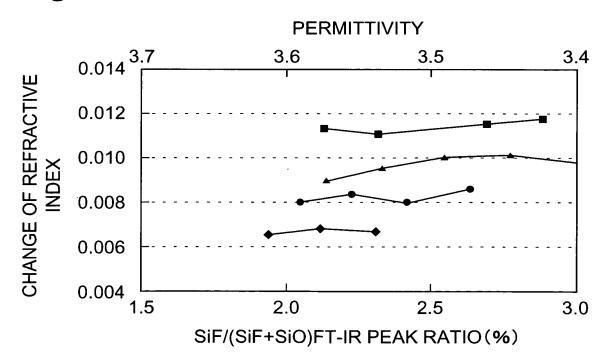
SOEI/0011



Fig.3

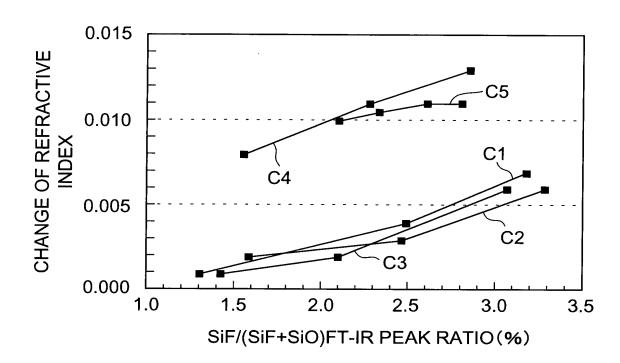
PARAMETER	TEST CONDITIONS	RAUGE OF VARIATION	
13.56MHz RF POWER (W)	1500	1200~2000	
PARALLEL PLATE ELECTRODE SEPARATION (cm)	1.0	1.0~1.75	
CHAMBER PRESSURE (Pa)	493 (3.7Torr)	493~666 (3.7~5.0Tori	
TOTAL FLOW VOLUME(%)	100	100~200	
N ₂ O FLOW VOLUME (sccm)	1500	1500~3000	
SiH ₄ FLOW VOLUME (sccm)	115	115	
SiF ₄ FLOW VOLUME (sccm)	130	50~250	

Fig.4



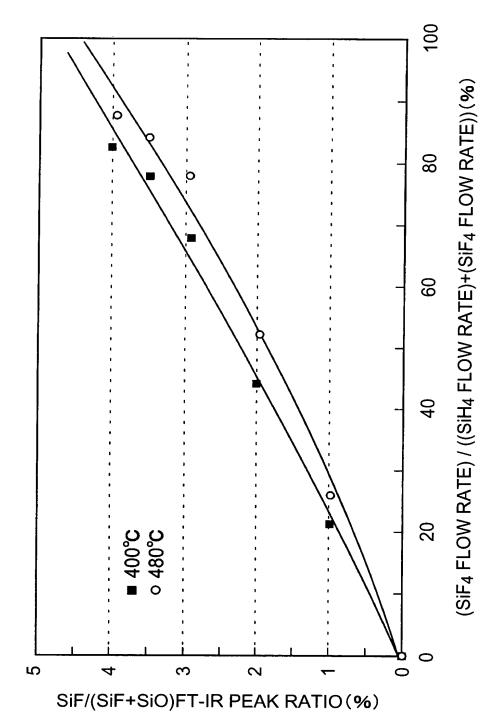
Atty Docket No. SOEI/0011
U.S. Serial No. Unknown
Filed: Herewith
Applicant: Applied Materials, Inc.
Inventor: Suzuki, et al.
Page 4 of 12

Fig.5



SOEI/0011 Unknown Herewith Applied Materials, Inc. Suzuki, et al.





THE STATE OF THE S 111



SOEI/0011 Unknown Herewith Applied Materials, Inc. Suzuki, et al.

Fig.7

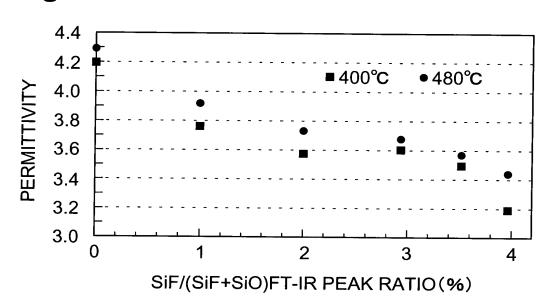
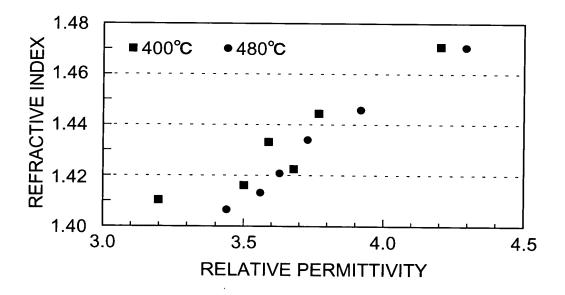


Fig.8





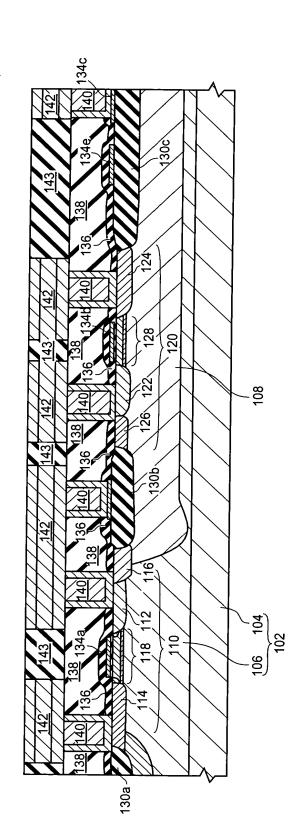
Atty Docket No.
U.S. Serial No.
Filed:
Applicant:
Inventor:
Page 7 of 12

SOEI/0011
Unknown
Herewith
Applied Materials, Inc.
Suzuki, et al.



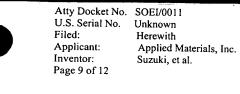
TYPE OF FILM		SiH ₄ FSG			TEOS FSG
FILM FORMING TEMPERAFURE		400℃	440℃	480℃	480℃
(SiOH+HOH)/SiO PEAK RATIO IN FT-IR AFTER LEFT IN CLEAN ROOM	LEFT FOR ONE WEEK	0.5	0.4	1.0	2.5
	LEFT FOR TWO WEEKS	0.7	1.1	0.7	

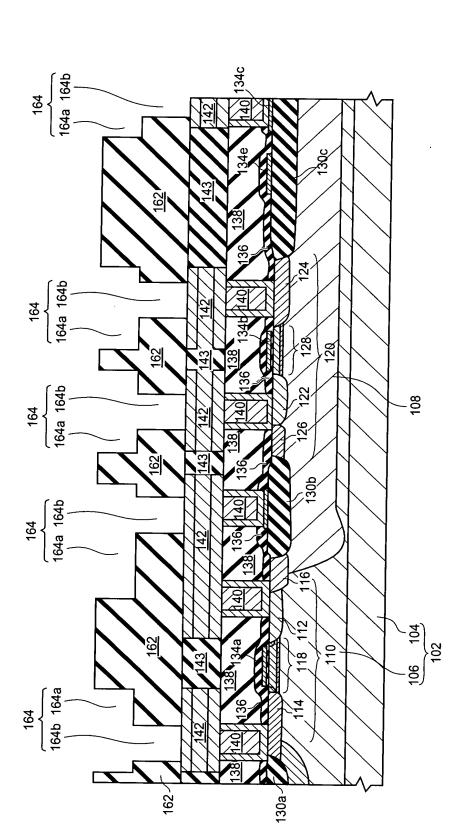
Fig. 10



Atty Docket No.
U.S. Serial No.
Filed:
Applicant:
Inventor:
Page 8 of 12

SOEI/0011
Unknown
Herewith
Applied Materials, Inc.
Suzuki, et al.





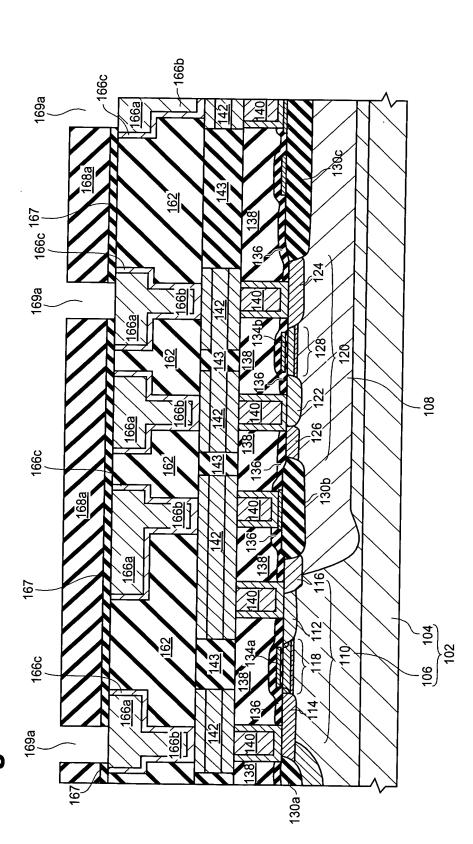


Atty Docket No.
U.S. Serial No.
Filed:
Applicant:
Applicant:
Inventor:
Page 10 of 12

SOEI/0011
Unknown
Herewith
Applied M
Suzuki, et a

Unknown Herewith Applied Materials, Inc. Suzuki, et al.



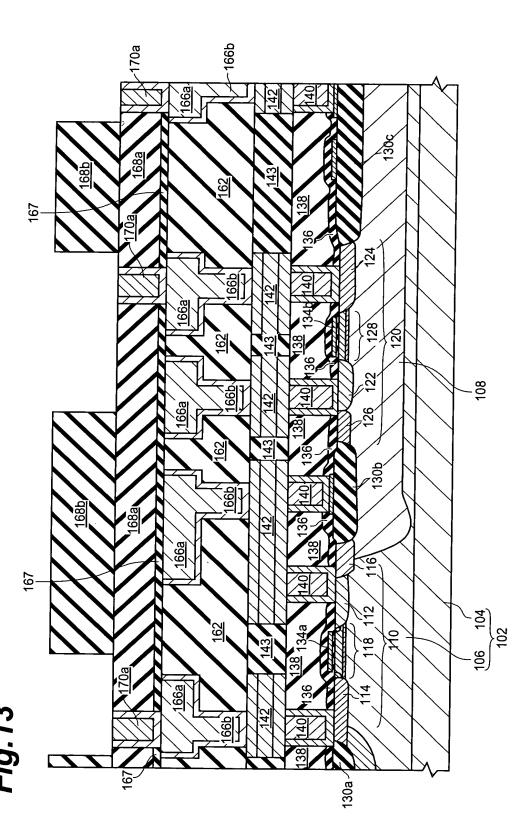




Atty Docket No. SOEI/0011 U.S. Serial No. Unknown Filed: Applicant: Inventor: Page 11 of 12

Herewith
Applied Materials, Inc.
Suzuki, et al.







Atty Docket No.
U.S. Serial No.
Filed:
Applicant:
Inventor:
Page 12 of 12

SOEI/0011
Unknown
Herewith
Applied M
Suzuki, et a

SOEI/0011 Unknown Herewith Applied Materials, Inc. Suzuki, et al.



